

RG-RAP2266

Reyee Wi-Fi 6 AX3000 Indoor Ceiling-Mount Access Point

DATASHEET



Highlights

- Dual-radio performance, gigabit wireless Ceiling-mounted AP
- Capable of Reyee Mesh and 802.11K/V
- Easy installation, rotating and done
- New circular aesthetics, more in line with the hotel decoration style
- Powerful Standalone Portal via Ruijie Cloud

Highlight Features

Wi-Fi AX3000 Dual-band Round Ceiling AP

RG-RAP2266



Seamless Roaming, Ever Smart Like This

Smart AI Roaming, Based on Cloud Algorithm and Technology of 802.11k/v, Guaranteed Smooth and Lag-Free Internet



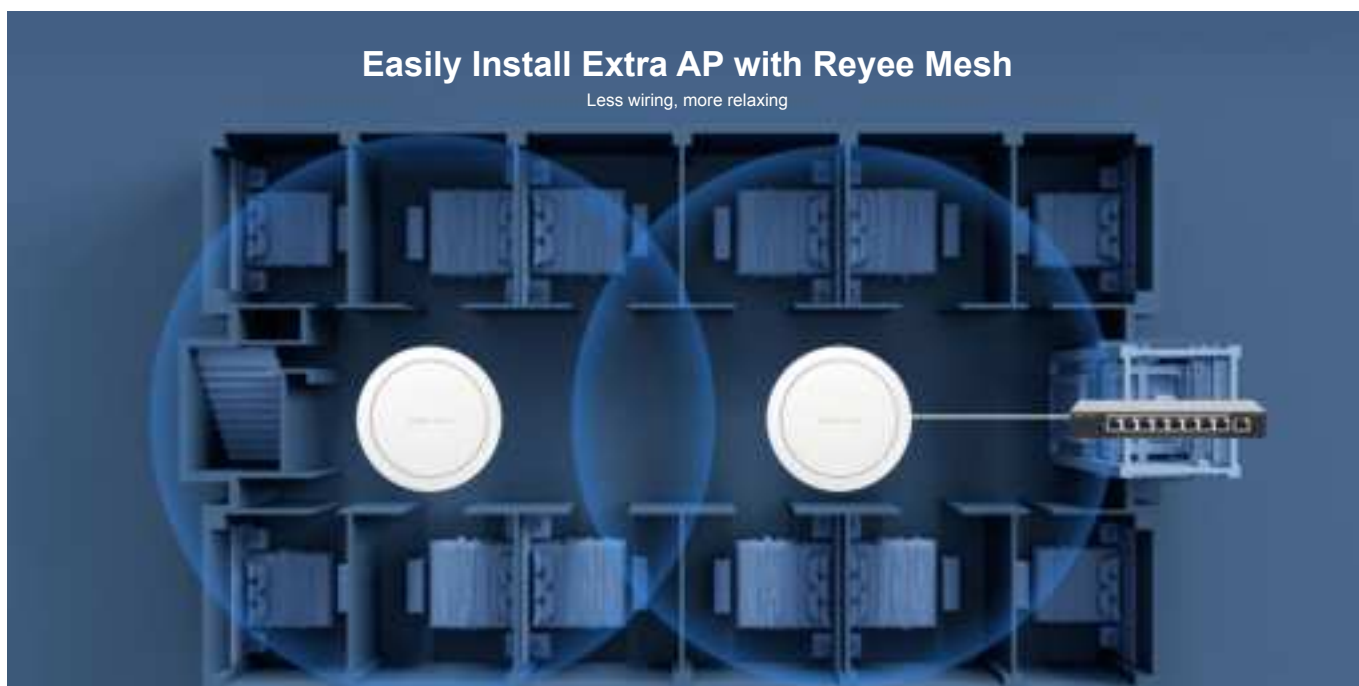
Installation With Rotating, Quick and Easy



/ Highlight Features

Easily Install Extra AP with Reyee Mesh

Less wiring, more relaxing



Cloud, Make Your Business Easy

- Self-organizing network
- Cloud portal authentication
- Remote monitoring and maintenance
- Upgrade firmware via Cloud
- APP library dynamically update





Specifications

Basic Features	
Wi-Fi Standards	Wi-Fi6 (IEEE 802.11ax) Wi-Fi5 (IEEE 802.11ac Wave 2) Wi-Fi4(IEEE 802.11n) IEEE 802.11a IEEE 802.11b/g
MIMO	2.4GHz, 2×2 ,MU-MIMO 5GHz, 2×2 ,MU-MIMO
Max. Wi-Fi Speed	2.4GHz: 574Mbps 5GHz: 2402Mbps
Antenna	5
Antenna Type	PIFA Antenna
Antenna Gain	2.4 GHz:3.53dBi 5 GHz:3.96dBi Note The peak gain mentioned above refers to the gain of a single antenna.
Transmit Power	EIRP: ≤31dBm (2.4GHz) ≤32.7dBm (5GHz) country-specific restrictions apply Myamar: 2400 MHz~2483.5 MHz ≤ 20 dBm 5150 MHz~5350 MHz ≤ 23 dBm 5470 MHz~5850 MHz ≤ 25 dBm Thailand: 2400 MHz~2483.5 MHz ≤ 20 dBm 5150 MHz~5350 MHz ≤ 23 dBm 5470 MHz~5725 MHz ≤ 25 dBm 5725 MHz~5850 MHz ≤ 30 dBm
Fixed Ports	1×10/100/1000 Base-T port 1×DC port 1×Reset button
Max. Clients	512
Recommended Clients	110
Max. SSIDs	8
Recommended Wi-Fi Coverage Radius	2.4GHz: 40 meters 5GHz: 70 meters The Wi-Fi coverage is related to the installation environment of the access point.



Specifications

Basic Features

Max. Wi-Fi Coverage Radius	150 meters
Operation Frequency Bands	802.11b/g/n/ax: 2.400 GHz to 2.4835 GHz 802.11a/n/ac/ax:5.150 GHz to 5.350 GHz, 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz country-specific restrictions apply

Software Features

WLAN Basic Features

Power Adjustment	✓
Frequency Bandwidth	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/160 MHz
Roaming	Layer 2 roaming Layer 3 roaming
OFDMA	✓
Beamforming	✓
Target wake time (TWT)*	Not Support
WMM	✓
Radar Signal Detection and Frequency Hopping (DFS)	✓

WLAN Security

Wi-Fi Password	16 bits
Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK;
Blacklist and Whitelist	✓
Prevent Fragmentation Attack	Not Support
Prevent ICMP Attack	Not Support

Enhanced User Experience

Wi-Fi Optimization	✓
STA Limit	✓



Specifications

Software Features	
Removing Low-RSSI STAs	✓
Adjusting Sending Rate of Beacon and Probe Response	✓
Syslog Recording Why Users Lose Connection	✓
Auto Channel and Power Adjustment on Cloud	✓
RSSI Threshold for STA Access	✓
Load Balancing	✓
Networks	
Network Access Mode	PPPoE Client DHCP Client Static IP
Avoidance of WAN IP Address Conflicts	Not Support
VLAN	✓
DHCP Server	✓
System	
Cloud Management	✓
APP Management	✓
APP Upgrade	✓
APP Restart	✓
Scheduled Restart	✓
Default Access/Password	10.44.77.253 No Password Required by Default
Local Upgrade	✓
Online Upgrade	✓
Backup	✓

/ Specifications

Hardware Features

Factory Reset	✓
Language	Chinese English
System Log	✓
Diagnostics	✓
Network Check	✓

Physical

LED Indicator	1× system LED indicator
Buttons	1×Reset button
Dimensions (W × D × H)	220 mm x 220 mm x 52.6 mm (8.66 in. x 8.66 in. x 2.07 in., without the mounting bracket)
Weight	≤ 0.5 kg (Without Mounting Bracket)
DC Port Dimensions	Outer Diameter: 6.3 mm Inner Diameter: 2.0 mm Length: 9.8 mm
Installation	Ceiling-Mountable
Mounting Bracket Dimensions (W × D × H)	113.5 mm x 113.5 mm x 13.5 mm
Mounting Hole Pattern	80 mm
Mounting Hole Diameter	6.5 mm
Pole Diameter	NA
Power Supplies	IEEE 802.3at PoE DC 12V/2A
Power Consumption	≤ 18W
PoE Power Budget	NA

Environment

Operating Temperature	0°C to 40°C
-----------------------	-------------

/ Specifications

Environment

Storage Temperature -40°C to 70°C

Operating Humidity 5% to 95% Noncondensing

Storage Humidity 5% to 95% Noncondensing

IP(Ingress Protection) NA

Port Surge +/-2kV

MTBF >400000H

/ Ordering Information

Model

RG-RAP2266

Description

AX3000 indoor ceiling-mount access point, dual-stream and dual-radio; providing one GE port; supporting IEEE 802.3at PoE power supply or DC local power supply (not included).



 **R**edefine your **e**asy network

Copyright ©2000-2023 Ruijie Networks Co., Ltd. All rights reserved.

No part of this document may be reproduced or transmitted in any form or any means without prior written consent of Ruijie Networks Co., Ltd.

Notice

This content is applicable only to regions outside the China mainland. Ruijie Networks Co., Ltd. reserves the right to interpret this content.

The information contained herein is subject to change without notice. Nothing herein should be construed as constituting an additional warranty. Ruijie Networks Co., Ltd. shall not be liable for technical or editorial errors or omissions contained herein.



Ruijie Networks Co., Ltd.
Building 19, Juyuanzhou Industrial Park, No.618
Jinshan Road, Cangshan District, Fuzhou, Fujian, China
Website: <https://www.ruijienetworks.com>